Numbers of fragments	2												
	Concentration ng/ul				Concentration ng/ul				Concentration ng/ul			Concentration ng/ul	
pCYCyeGFPlin	44.8			pCYCyeGFPlin	44.8			pCYCyeGFPlin	44.8		pCYCyeGFPlin	44.8	
CYC1 not diluted	58.4			CYC2	45.5			CYC3	45.8		-		
CYC1 diluted (0.66x)	38.544			CYC2 diluted	30.03			CYC3 diluted	30.228		insert	0	
Moles of vector (pmoles)	0.1			Moles of vector (pmoles)	0.1			Moles of vector (pmoles	0.1		Moles of vector	0.1	
Moles of insert (pmoles)	0.3			Moles of insert (pmoles)	0.3			Moles of insert (pmoles)	0.3		Moles of insert (	0	
Mass of vector (ng)	132.9			Mass of vector (ng)	132.9			Mass of vector (ng)	132.9		Mass of vector (	132.9	
Mass of insert (ng)	38.544			Mass of insert (ng)	38.544			Mass of insert (ng)	38.544		Mass of insert (ng)	0	
Volume of vector	2.966517857			Volume of vector	2.966517857			Volume of vector	2.966517857		Volume of vecto	2.966517857	
Volume of insert diluted	1			Volume of insert diluted	1.283516484			Volume of insert diluted	1.27510917		Volume of insert	0	
Volume of Mastermix	10			Volume of Mastermix	10			Volume of Mastermix	10		Volume of Mast	10	
Volume of H2O	6.033482143			Volume of H2O	5.749965659			Volume of H2O	5.758372973		Volume of H2O	7.033482143	
Total Volume	20			Total Volume	20			Total Volume	20		Total Volume	20	
Tubes labelling													
1	CYC1												
2	CYC2												
3	CYC3												
-	Self Ligation												